PRINTING WEB CLEANER

ABSTRACT OF THE DISCLOSURE

A web cleaner (20) that removes debris that clings to the surface of a substrate in a printing process. The cleaner uses a number of path rollers (26) holding a web (22) taut therebetween with the web driven at high speeds by a printing press (24). The cleaner utilizes a pair of counter rotating rollers (28) positioned between the path rollers with one roller positioned on each side of the web in close proximity therewith and each roller rotates in an opposite direction to that of the web's flowpath. A separating bar (36) is positioned at right angles to the web bordering each roller in adjacent relationship for directing the air into a plenum (44) that covers each roller and air separating bar. The plenum is used to collect the debris detached from the web surface by air currents formed by rotation of the rollers creating an air film on the web surface. The same air currents also produce a turbulent air flow within the plenum. A dust collector (50) is connected to each plenum for accumulating debris dislodged from the web surface.